PRODUCT INFORMATION

Target	FCRL5
Synonyms	CD307; FCRH5; IRTA2; BXMAS1; CD307e; PRO820
Description	Recombinant human FCRL5(745-847)Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q96RD9
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	FCRL5(Val745-Pro847)hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 36.9 kDa after removal of the signal peptide. The apparent molecular mass of FCRL5(745-847)-hFc is approximately 35-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Background	This gene encodes a member of the immunoglobulin receptor superfamily and the Fc-receptor like family. This gene and several other Fc receptor-like gene members are clustered on the long arm of chromosome 1. The encoded protein is a single-pass type I membrane protein and contains 8 immunoglobulin-like C2-type domains. This gene is implicated in B cell development and lymphomagenesis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Sep 2010]
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Usage	Research use only
Conjugate	Unconjugated

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Figure 1. Human FCRL5(745-847) Protein, hFc Tag on SDS-PAGE under reducing condition.

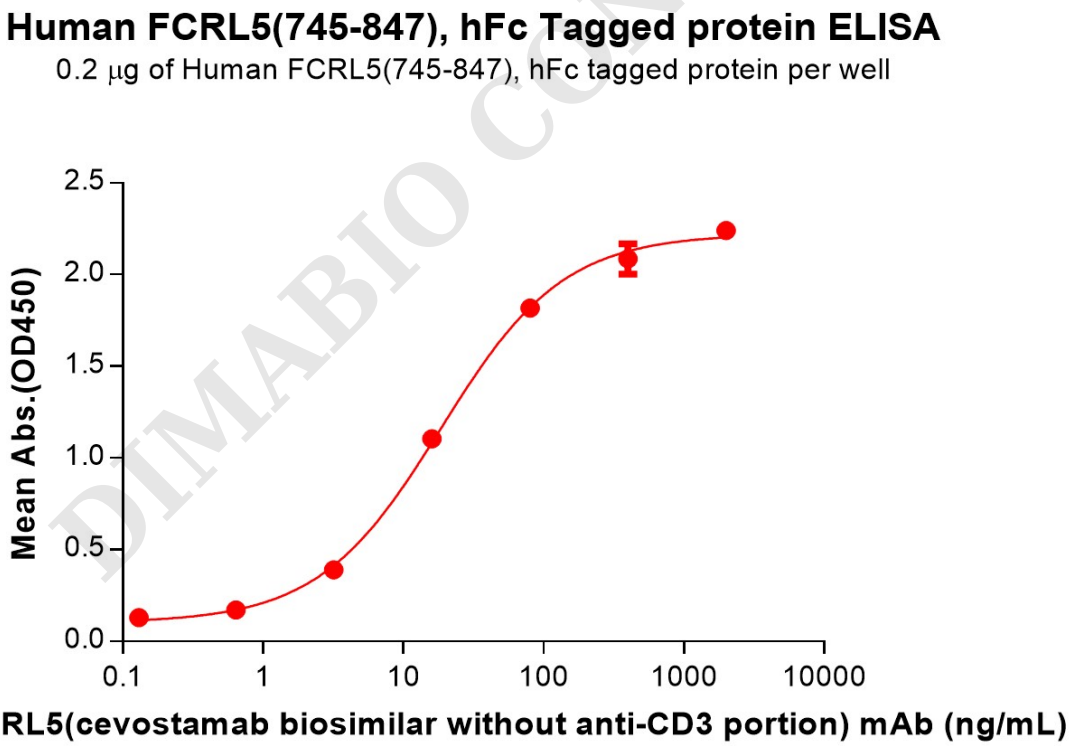


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human FCRL5(745-847) Protein, hFc Tag (PME101493) can bind Anti-FCRL5(cevostamab biosimilar without anti-CD3 portion) mAb (BME100089) in a linear range of 3.20–400 ng/mL.

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